

Amendment to the Specification:

Please substitute Para. [0045] of the published application, Published Application No. US 2004/0124808 A1 to Hirono, with the following paragraph.

[0045] The thermal resistance R_h in formula 1 is known from the specification of the temperature sensor 6 and switching elements U_s - Z_s . The loss Lo in formula 1 is the sum of a loss Lo_1 caused when the switching elements U_s - Z_s are turned on or off and a loss Lo_2 caused by an electric current flowing through the switching elements (Lo $\equiv Lo_1 + Lo_2$). The loss Lo_1 can be calculated in accordance with the following formula:

$$Lo_1 = N_s \times f(\text{voltage, current}),$$

Formula 2